

**CRF Errors Corrected by the STIC System Branch**

0590  
023 OIP#  
5/17/02  
#11  
DC (STIC staff)

Serial Number: 091942,052

CRF Processing Date: 5/17/02  
 Edited by: DC  
 Verified by: DC (STIC staff) #11

- ☐ Changed a file from non-ASCII to ASCII
- ☐ Changed the margins in cases where the sequence text was "wrapped" down to the next line.
- ☐ Edited a format error in the Current Application Data section, specifically: ENTERED
- ☐ Edited the Current Application Data section with the actual current number. The number inputted by the applicant was ☐ the prior application data; or ☐ other \_\_\_\_\_
- ☐ Added the mandatory heading and subheadings for "Current Application Data".
- ☐ Edited the "Number of Sequences" field. The applicant spelled out a number instead of using an integer.
- ☐ Changed the spelling of a mandatory field (the headings or subheadings), specifically: \_\_\_\_\_
- ☐ Corrected the SEQ ID NO when obviously incorrect. The sequence numbers that were edited were: \_\_\_\_\_
- ☐ Inserted or corrected a nucleic number at the end of a nucleic line. SEQ ID NO's edited: \_\_\_\_\_
- ☐ Corrected subheading placement. All responses must be on the same line as each subheading. If the applicant placed a response below the subheading, this was moved to its appropriate place.
- ☐ Inserted colons after headings/subheadings. Headings edited included: \_\_\_\_\_
- ☐ Deleted extra, invalid, headings used by an applicant, specifically: \_\_\_\_\_
- ☒ Deleted: ☒ non-ASCII "garbage" at the beginning/end of files; ☐ secretary initials/filename at end of file;  
☐ page numbers throughout text; ☐ other invalid text, such as \_\_\_\_\_
- ☐ Inserted mandatory headings, specifically: \_\_\_\_\_
- ☐ Corrected an obvious error in the response, specifically: \_\_\_\_\_
- ☐ Edited identifiers where upper case is used but lower case is required, or vice versa.
- ☐ Corrected an error in the Number of Sequences field, specifically: \_\_\_\_\_
- ☐ A "Hard Page Break" code was inserted by the applicant. All occurrences had to be deleted.
- ☐ Deleted **ending** stop codon in amino acid sequences and adjusted the "(A)Length:" field accordingly (error due to a PatentIn bug). Sequences corrected: \_\_\_\_\_
- ☐ Other: \_\_\_\_\_

**\*Examiner: The above corrections must be communicated to the applicant in the first Office Action. DO NOT send a copy of this form.**



OIPE

## RAW SEQUENCE LISTING

DATE: 05/17/2002

P-6

PATENT APPLICATION: US/09/942,052

TIME: 13:00:18

Input Set : N:\jumbos\09942052.DC.txt

Output Set: N:\CRF3\05172002\I942052.raw

```

3 <110> APPLICANT: Raitano, Arthur B.
4     Faris, Mary
5     Hubert, Rene S.
6     Afar, Daniel
7     Ge, Wangmao
8     Challita-Eid, Pia M.
10 <120> TITLE OF INVENTION: NUCLEIC ACID AND CORRESPONDING PROTEIN ENTITLED 85P1B3
11     USEFUL IN TREATMENT AND DETECTION OF CANCER
13 <130> FILE REFERENCE: 51158-20028.00
15 <140> CURRENT APPLICATION NUMBER: 09/942,052
16 <141> CURRENT FILING DATE: 2001-08-28
18 <150> PRIOR APPLICATION NUMBER: 60/228,432
19 <151> PRIOR FILING DATE: 2000-08-28
21 <160> NUMBER OF SEQ ID NOS: 744
23 <170> SOFTWARE: PatentIn Ver. 2.1
25 <210> SEQ ID NO: 1
26 <211> LENGTH: 9
27 <212> TYPE: PRT
28 <213> ORGANISM: Artificial Sequence
30 <220> FEATURE:
31 <223> OTHER INFORMATION: Description of Artificial Sequence: Peptide motif
33 <400> SEQUENCE: 1
34 Val Leu Glu Ala Pro Phe Leu Val Gly
35 1 5
37 <210> SEQ ID NO: 2
38 <211> LENGTH: 9
39 <212> TYPE: PRT
40 <213> ORGANISM: Artificial Sequence
42 <220> FEATURE:
43 <223> OTHER INFORMATION: Description of Artificial Sequence: Peptide motif
45 <400> SEQUENCE: 2
46 Leu Ser Glu Lys Ile Ala Glu Leu Lys
47 1 5
49 <210> SEQ ID NO: 3
50 <211> LENGTH: 9
51 <212> TYPE: PRT
52 <213> ORGANISM: Artificial Sequence
54 <220> FEATURE:
55 <223> OTHER INFORMATION: Description of Artificial Sequence: Peptide motif
58 <400> SEQUENCE: 3
59 Leu Ala Asp Ser Val His Leu Ala Trp
60 1 5
63 <210> SEQ ID NO: 4

```

## RAW SEQUENCE LISTING

DATE: 05/17/2002

PATENT APPLICATION: US/09/942,052

TIME: 13:00:18

Input Set : N:\jumbos\09942052.DC.txt

Output Set: N:\CRF3\05172002\I942052.raw

```

64 <211> LENGTH: 9
65 <212> TYPE: PRT
66 <213> ORGANISM: Artificial Sequence
68 <220> FEATURE:
69 <223> OTHER INFORMATION: Description of Artificial Sequence: Peptide motif
71 <400> SEQUENCE: 4
72 Ala Ile Asp Gln Ala Ser Phe Thr Thr
73   1                               5
76 <210> SEQ ID NO: 5
77 <211> LENGTH: 9
78 <212> TYPE: PRT
79 <213> ORGANISM: Artificial Sequence
81 <220> FEATURE:
82 <223> OTHER INFORMATION: Description of Artificial Sequence: Peptide motif
84 <400> SEQUENCE: 5
85 Leu Ser Ser Asp Lys Met Val Cys Tyr
86   1                               5
89 <210> SEQ ID NO: 6
90 <211> LENGTH: 9
91 <212> TYPE: PRT
92 <213> ORGANISM: Artificial Sequence
94 <220> FEATURE:
95 <223> OTHER INFORMATION: Description of Artificial Sequence: Peptide motif
97 <400> SEQUENCE: 6
98 Leu Ser Glu Val Thr Pro Asp Gln Ser
99   1                               5
102 <210> SEQ ID NO: 7
103 <211> LENGTH: 9
104 <212> TYPE: PRT
105 <213> ORGANISM: Artificial Sequence
107 <220> FEATURE:
108 <223> OTHER INFORMATION: Description of Artificial Sequence: Peptide motif
110 <400> SEQUENCE: 7
111 Ala Ser Glu Met Asp Ile Gln Asn Val
112   1                               5
115 <210> SEQ ID NO: 8
116 <211> LENGTH: 9
117 <212> TYPE: PRT
118 <213> ORGANISM: Artificial Sequence
120 <220> FEATURE:
121 <223> OTHER INFORMATION: Description of Artificial Sequence: Peptide motif
123 <400> SEQUENCE: 8
124 Cys Ala Thr Pro Pro Arg Gly Asp Phe
125   1                               5
128 <210> SEQ ID NO: 9
129 <211> LENGTH: 9
130 <212> TYPE: PRT
131 <213> ORGANISM: Artificial Sequence
133 <220> FEATURE:

```

## RAW SEQUENCE LISTING

DATE: 05/17/2002

PATENT APPLICATION: US/09/942,052

TIME: 13:00:18

Input Set : N:\jumbos\09942052.DC.txt

Output Set: N:\CRF3\05172002\I942052.raw

134 <223> OTHER INFORMATION: Description of Artificial Sequence: Peptide motif  
136 <400> SEQUENCE: 9  
137 Gly Ile Glu Gly Ser Leu Lys Gly Ser  
138 1 5  
141 <210> SEQ ID NO: 10  
142 <211> LENGTH: 9  
143 <212> TYPE: PRT  
144 <213> ORGANISM: Artificial Sequence  
146 <220> FEATURE:  
147 <223> OTHER INFORMATION: Description of Artificial Sequence: Peptide motif  
149 <400> SEQUENCE: 10  
150 Ile Ala Glu Leu Lys Glu Lys Ile Val  
151 1 5  
154 <210> SEQ ID NO: 11  
155 <211> LENGTH: 9  
156 <212> TYPE: PRT  
157 <213> ORGANISM: Artificial Sequence  
159 <220> FEATURE:  
160 <223> OTHER INFORMATION: Description of Artificial Sequence: Peptide motif  
162 <400> SEQUENCE: 11  
163 Gly Ile Pro Val Gly Phe His Leu Tyr  
164 1 5  
167 <210> SEQ ID NO: 12  
168 <211> LENGTH: 9  
169 <212> TYPE: PRT  
170 <213> ORGANISM: Artificial Sequence  
172 <220> FEATURE:  
173 <223> OTHER INFORMATION: Description of Artificial Sequence: Peptide motif  
175 <400> SEQUENCE: 12  
176 Ser Leu Gly Ala Val Val Phe Ser Arg  
177 1 5  
180 <210> SEQ ID NO: 13  
181 <211> LENGTH: 9  
182 <212> TYPE: PRT  
183 <213> ORGANISM: Artificial Sequence  
185 <220> FEATURE:  
186 <223> OTHER INFORMATION: Description of Artificial Sequence: Peptide motif  
188 <400> SEQUENCE: 13  
189 Glu Met Asp Ile Gln Asn Val Pro Leu  
190 1 5  
193 <210> SEQ ID NO: 14  
194 <211> LENGTH: 9  
195 <212> TYPE: PRT  
196 <213> ORGANISM: Artificial Sequence  
198 <220> FEATURE:  
199 <223> OTHER INFORMATION: Description of Artificial Sequence: Peptide motif  
201 <400> SEQUENCE: 14  
202 Ala Glu Glu Pro Ala Ala Gly Pro Gln  
203 1 5

## RAW SEQUENCE LISTING

DATE: 05/17/2002

PATENT APPLICATION: US/09/942,052

TIME: 13:00:18

Input Set : N:\jumbos\09942052.DC.txt

Output Set: N:\CRF3\05172002\I942052.raw

206 <210> SEQ ID NO: 15  
207 <211> LENGTH: 9  
208 <212> TYPE: PRT  
209 <213> ORGANISM: Artificial Sequence  
211 <220> FEATURE:  
212 <223> OTHER INFORMATION: Description of Artificial Sequence: Peptide motif  
214 <400> SEQUENCE: 15  
215 Ser Met Glu Trp Asp Thr Gln Val Val  
216 1 5  
219 <210> SEQ ID NO: 16  
220 <211> LENGTH: 9  
221 <212> TYPE: PRT  
222 <213> ORGANISM: Artificial Sequence  
224 <220> FEATURE:  
225 <223> OTHER INFORMATION: Description of Artificial Sequence: Peptide motif  
227 <400> SEQUENCE: 16  
228 Gly Ser Ser Pro Leu Gly Pro Ala Gly  
229 1 5  
232 <210> SEQ ID NO: 17  
233 <211> LENGTH: 9  
234 <212> TYPE: PRT  
235 <213> ORGANISM: Artificial Sequence  
237 <220> FEATURE:  
238 <223> OTHER INFORMATION: Description of Artificial Sequence: Peptide motif  
240 <400> SEQUENCE: 17  
241 Gly Ser Cys Gly Ile Pro Val Gly Phe  
242 1 5  
245 <210> SEQ ID NO: 18  
246 <211> LENGTH: 9  
247 <212> TYPE: PRT  
248 <213> ORGANISM: Artificial Sequence  
250 <220> FEATURE:  
251 <223> OTHER INFORMATION: Description of Artificial Sequence: Peptide motif  
253 <400> SEQUENCE: 18  
254 Ala Thr Pro Pro Arg Gly Asp Phe Cys  
255 1 5  
258 <210> SEQ ID NO: 19  
259 <211> LENGTH: 9  
260 <212> TYPE: PRT  
261 <213> ORGANISM: Artificial Sequence  
263 <220> FEATURE:  
264 <223> OTHER INFORMATION: Description of Artificial Sequence: Peptide motif  
266 <400> SEQUENCE: 19  
267 Thr Pro Asp Gln Ser Lys Pro Glu Asn  
268 1 5  
271 <210> SEQ ID NO: 20  
272 <211> LENGTH: 9  
273 <212> TYPE: PRT  
274 <213> ORGANISM: Artificial Sequence

## RAW SEQUENCE LISTING

DATE: 05/17/2002

PATENT APPLICATION: US/09/942,052

TIME: 13:00:18

Input Set : N:\jumbos\09942052.DC.txt

Output Set: N:\CRF3\05172002\I942052.raw

276 <220> FEATURE:  
277 <223> OTHER INFORMATION: Description of Artificial Sequence: Peptide motif  
279 <400> SEQUENCE: 20  
280 Gly Thr Glu Arg Ala Ile Asp Gln Ala  
281 1 5  
284 <210> SEQ ID NO: 21  
285 <211> LENGTH: 9  
286 <212> TYPE: PRT  
287 <213> ORGANISM: Artificial Sequence  
289 <220> FEATURE:  
290 <223> OTHER INFORMATION: Description of Artificial Sequence: Peptide motif  
292 <400> SEQUENCE: 21  
293 Ala Ala Gly Pro Gln Leu Pro Ser Trp  
294 1 5  
297 <210> SEQ ID NO: 22  
298 <211> LENGTH: 9  
299 <212> TYPE: PRT  
300 <213> ORGANISM: Artificial Sequence  
302 <220> FEATURE:  
303 <223> OTHER INFORMATION: Description of Artificial Sequence: Peptide motif  
305 <400> SEQUENCE: 22  
306 Leu Val Gly Ile Glu Gly Ser Leu Lys  
307 1 5  
310 <210> SEQ ID NO: 23  
311 <211> LENGTH: 9  
312 <212> TYPE: PRT  
313 <213> ORGANISM: Artificial Sequence  
315 <220> FEATURE:  
316 <223> OTHER INFORMATION: Description of Artificial Sequence: Peptide motif  
318 <400> SEQUENCE: 23  
319 Met Val Cys Tyr Leu Leu Lys Thr Lys  
320 1 5  
323 <210> SEQ ID NO: 24  
324 <211> LENGTH: 9  
325 <212> TYPE: PRT  
326 <213> ORGANISM: Artificial Sequence  
328 <220> FEATURE:  
329 <223> OTHER INFORMATION: Description of Artificial Sequence: Peptide motif  
331 <400> SEQUENCE: 24  
332 Ile Val Leu Thr His Asn Arg Leu Lys  
333 1 5  
336 <210> SEQ ID NO: 25  
337 <211> LENGTH: 9  
338 <212> TYPE: PRT  
339 <213> ORGANISM: Artificial Sequence  
341 <220> FEATURE:  
342 <223> OTHER INFORMATION: Description of Artificial Sequence: Peptide motif  
344 <400> SEQUENCE: 25  
345 Gly Ala Glu Glu Pro Ala Ala Gly Pro

RAW SEQUENCE LISTING ERROR SUMMARY      DATE: 05/17/2002  
PATENT APPLICATION:    US/09/942,052      TIME: 13:00:20

Input Set : N:\jumbos\09942052.DC.txt  
Output Set: N:\CRF3\05172002\I942052.raw

Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:705; Xaa Pos. 10,15,16,35,56,60,61,74,81,82,87,122,139,141,142,146,158

Seq#:706; Xaa Pos. 6,38,64,72,78,91,131

Seq#:707; Xaa Pos. 44,50,51,67,93

Seq#:713; Xaa Pos. 3

## VERIFICATION SUMMARY

DATE: 05/17/2002

PATENT APPLICATION: US/09/942,052

TIME: 13:00:20

Input Set : N:\jumbos\09942052.DC.txt

Output Set: N:\CRF3\05172002\I942052.raw

L:9265 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:705 after pos.:0  
L:9271 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:705 after pos.:32  
L:9274 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:705 after pos.:48  
L:9277 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:705 after pos.:64  
L:9280 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:705 after pos.:80  
L:9286 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:705 after pos.:112  
L:9289 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:705 after pos.:128  
L:9292 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:705 after pos.:144  
L:9344 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:706 after pos.:0  
L:9350 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:706 after pos.:32  
L:9353 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:706 after pos.:48  
L:9356 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:706 after pos.:64  
L:9359 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:706 after pos.:80  
L:9368 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:706 after pos.:128  
L:9414 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:707 after pos.:32  
L:9417 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:707 after pos.:48  
L:9420 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:707 after pos.:64  
L:9423 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:707 after pos.:80  
L:9521 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:713 after pos.:0